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**Bihar Electricity Regulatory Commission**  
**Vidyut Bhawan-II, J.L. Nehru Marg, Patna-21**

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**NOTIFICATION**

*The 30<sup>th</sup> June, 2017*

No. Case No. SMP-29/2016- 03 — In exercise of powers conferred by subsection (1) of section 181 and clauses (zd), (ze) and (zf) of sub section (2) of section 181, read with sections 61, 62, and 86, of the Electricity Act, 2003 (36 of 2003) and for removal of difficulties in giving effects to some provisions of BEREC (Multi Year Distribution Tariff) Regulations, 2015 for various stakeholders, Bihar Electricity Regulatory Commission hereby makes the following amendments in the Bihar Electricity Regulatory Commission (Multi Year Distribution Tariff) Regulations, 2015 which was published in The Bihar Gazette on 15<sup>th</sup> September 2015.

**1. Short title, extent and commencement**

- 1.1** These regulations shall be called the Bihar Electricity Regulatory Commission (Multi Year Distribution Tariff) (First Amendment) Regulations, 2017.
- 1.2** These Regulations shall come into force from the date of their notification in the Official Gazette.

**2. Scope and Extent of Application**

- 2.1** These Regulations shall apply to all the Distribution Licensees in the State of Bihar.

2.2 These Regulations shall extend to the whole of the State of Bihar.

**3. Amendments:**

**3.1 Amendment of Regulation 19.1(a):** The existing regulation 19.1 (a) shall be substituted by following:

*"19.1 (a) The Distribution Licensee shall undertake load forecasting every year and submit it along with their short term, medium and long-term power procurement plans to meet the load as part of MYT petition to the Commission."*

**3.2 Amendment of Regulation 21(F):** The existing regulation 21(F) shall be substituted by following:

*"21 (F) Interest on loan and other finance charges"*

**3.3 Amendment of Regulation 25:** The existing regulation 25 shall be substituted by following:

*"25. Treatment of loan and other finance charges"*

**3.4 Amendment of Regulation 25:** At the end of regulation 25(j) of the existing regulations, regulation 25(k) shall be added as following:

*"25(k) Details of expenses on account of rebates for prompt payment, Power factor rebate for maintaining power factor above 0.90 and cost of raising finance such as Bank Commission etc. shall also be separately filed by the licensee with the ARR under the head "Interest on loan and other finance charges."*

**3.5 Amendment of Regulation 26:** The existing regulation 26 shall be substituted by following:

*"26. The Distribution Licensee shall be allowed interest on estimated level of working capital for the financial year, computed as follows:*

*a) Two months equivalent of expected revenue*

*b) Maintenance spares@40% of R&M expenses for one month:*

*Less:*

*(i) Power purchase cost, transmission charges and load dispatch charges of one month*

*(ii) Depreciation, return on equity and contribution to contingency reserves equivalent to two months*

*(iii) Security deposits from consumers, if any*

*Provided that the interest on working capital shall be on normative basis and rate of interest shall be equal to the State Bank Advance Rate (SBAR) as of the date on which petition for determination of tariff is accepted by the Commission.*

*Provided further that interest shall be allowed on consumer security deposits and security deposits from Distribution System users at the Bank Rate as of the date on which petition for determination of tariff is accepted by the Commission.*

*Provided further that if the State Government is providing resource gap grant or subsidy, working capital shall be reduced by that amount."*

**3.6 Amendment of Regulation 32(a) and 32(b):** The existing regulation 32(a) and 32(b) shall be substituted by following:

"32(a) Regulatory assets shall not be created against cost/loss incurred in normal course of business except in case of natural calamity or forced majeure conditions and extraordinary situations as the Commission deems fit and proper.

32(b) The amortization schedule corresponding to the regulatory asset shall be approved by the Commission and put in effect along with creation of the regulatory asset. The amortization schedule shall normally provide for recovery of the regulatory asset within a period not exceeding seven years."

**3.7 Amendment of Regulation 32(d):** The existing regulation 32(d) shall be deleted.

**3.8 Amendment of Regulation 36 (f):** At the end of regulation 36(f)(2), a new regulation 36(f)(3) shall be added as follows:

"36(f)(3) The surcharge payable by the consumers permitted for open access shall be computed as per following formula:

$S = T - [C / (1 - L / 100) + D + R];$

Where

*S* is the surcharge

*T* is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation

*C* is the per unit weighted average cost of power purchase by the Licensee, including the cost of meeting the Renewable Purchase Obligation

*D* is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level

*L* is the aggregate of transmission (including CTU), distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level

*R* is the per unit cost of carrying regulatory assets

However taking into consideration the overall objectives of the Electricity Act and the power scenario in the licensee's area, the Commission may determine the surcharge either lower or higher than surcharge computed using the formula provided above.

Provided that the surcharge shall not exceed 20% of the tariff applicable to the category of the consumers seeking open access."

**3.9 Amendment of formats 1, 4, 5, 23, 30-A and 30-B:** The formats 1, 4, 5, 23, 30-A and 30-B appended with the existing regulations shall be substituted by the formats appended with this notification.

By order of the Commission,  
**Parmanand Singh,**  
Secretary.

### FORMAT-1

Sl No	Category/Subcategory	Previous Year (Actuals)			Current year (RE)			Ensuing year(s)(Projections)		
		No of consumers at the end of the year	Sanctioned/Contracted load at the end of the year (KW)	Energy sales during the year (MU)	No Of consumers at the end of the year	Sanctioned/Contracted load at the end of the year (KW)	Energy sales during the year (MU)	No Of consumers at the end of the year	Sanctioned/Contracted load at the end of the year (KW)	Energy sales during the year(MU)
A	DOMESTIC SERVICES									
1	Kutir Jyoti									
	KJ (Rural)Unmeterd									
	KJ (Rural)meterd									
	1 to 30 units									
	31-50									
	51-100									
	KJ (Urban)Metered									
	1 to 30 units									
	31-50									
	51-100									
	Sub total									
2	DS-I									
	Unmetered									
	Metered									
	1 to 50 units									
	51-100									
	>100 units									
	Sub total									
3	DS-II									
	Single Phase									
	1-100 Units									
	101-200 U									
	201-300 U									
	>300 units									
	Three Phase									
	1-100 Units									
	101-200 U									
	201-300 U									
	>300 units									
	Sub total									
4	DS-II (D)									
	Single Phase									
	1-100 Units									
	101-200 U									
	201-300 U									
	>300 units									
	Three Phase									
	1-100 Units									
	101-200 U									
	201-300 U									
	>300 units									
5	DS-III									
6	DS-III(D)									
B	NON-DOMESTIC SERVICES									
1	NDS-I Unmetered									
	NDS-I Metered									
	1-100									
	101-200									
	>200									
2	NDS-II Single phase upto 0.5 kW									
	1-100									
	101-200									
	>200									
	Above 0.5 kW									
	1-100									
	101-200									
	>200									
3	NDS-II(D) Single phase									
	1-100									
	101-200									
	>200									
4	NDS II (D)Three Phase									
	1-100									
	101-200									
	>200									
5	NDS-III Single phase									
	1-100									
	101-200									
	>200									
6	NDS-III (D) Single Phase									
	1-100									
	101-200									
	>200									
7	NDS-III (D) Three Phase									
	1-100									
	101-200									
	>200									
8	NDS-IV									
8.1	Single Phase									
8.2	Three Phase									
	Sub Total of B									
C	STREET LIGHT SERVICES									
1	SS-I GP									
2	SS-I NP/NAC/M									
3	SS-I M.C									
4	SS-II GP									
5	SS-II NP/NAC/M									
6	SS-II M.C									
	Sub Total of C									

3	IAS-I M(Rural)								
4	IAS-I M(Urban)								
5	IAS-II UM(Rural)								
6	IAS-II UM(Urban)								
7	IAS-II M(Rural)								
8	IAS-II M(Urban)								
	Sub Total of D								
E	PWW								
F	LOW TENSION SERVICES								
1	LTIS-I								
2	LTIS-I(D)								
3	LTIS-II								
4	LTIS-II(D)								
	Sub total of F								
G	HIGH TENSION SERVICES								
1	HTS-I								
2	HTS-II								
3	HTS-III								
4	HTS-IV								
5	HTSS								
	Sub total of G								
H	RAILWAY TRACTION SERVICES								
1	RTS (132kV)								
2	RTS (25kV)								
	Sub total of H								
I	Distr. Franchisee								
J	Nepal								
K	Other bilateral sales (Pl. specify)								
	Grand Total(A to K)								

Note: 1. Distribution Licensee shall file Slab Wise category wise details of Sales in above format for Distribution Franchisee area. Also detail of Sales to Nepal, other bilateral sales etc should be separately filed with copy of invoices for Previous year, Current Year and Ensuing years. 2. Distribution Licensee shall file above information separately for Previous year, Current Year and Ensuing years as per the prescribed format.

**FORMAT- 4****TARIFF PETITION FOR FY .....****Name of the Distribution Licensee****Energy Requirement and Energy Balance**

SI No	Particulars	Unit	Previous Year Actuals	Current Year (RE)	Ensuing Years (projections)		
<b>A</b>	<b>Energy Requirement</b>						
1	Energy sales at LT level	MU					
2	Distribution Loss in LT network and above voltage level including DT losses	%					
3	Distribution Loss in LT network and above voltage level including DT losses	MU					
4	Energy sales at 11kV level	MU					
5	Distribution loss in 11 kV and above level	%					
6	Distribution loss in 11 kV and above level	MU					
7	Energy sales at 33 kV level (excluding DF)	MU					
8	Sales to Distribution Franchisee at 33 kV	MU					
9	Other Sales at 33 kV level (please specify)	MU					
10	Distribution loss at 33 kV level	%					
11	Distribution loss at 33 kV level	MU					
12	<b>Total energy required at Distribution periphery ( at 33 kV level)</b>	MU					
13	Energy sales at 132 kV level	MU					
14	Sales to Nepal at 132 kV	MU					
15	Other sales at 132 kV	MU					
16	Losses in State Transmission network	%					
17	Losses in State Transmission network	MU					
18	<b>Total energy required at State Transmission periphery</b>						
<b>B</b>	<b>Energy Available</b>						
1	From Central Sector	MU					
2	From IPP	MU					
3	From State Generating Stations	MU					
4	From Renewable Sources	MU					
5	UI (Net)	MU					
6	Others (please specify)	MU					
7	CTU losses	%					
8	CTU Losses	MU					
9	Net power available at State periphery	MU					
10	<b>Energy Surplus/(Deficit) at State Periphery</b>	MU					

## Tariff Petition for Financial Year \_\_\_\_\_

Name of the Distribution Licensee :

## Power Purchase Cost

S I. N o.	Power Purchase Sources	% age allo-cation MW	Ene-rgy MU	Fixed Charge rate Rs/MW	Fixed charge Rs. Cr.	Energy Rate Rs./kWh	Ene-rgy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.	Previous Year	
									Total Cha rges Rs. Cr.	Avg. Ta-riff Rate Rs/ kWh
1	2	3	4	5	6	7	8	9	10	11
	Central Sector Stations									
1	NTPC Stations									
	Farakka 1,2&3									
	Talchar									
	Kahalgoan 1 &2									
	Barh – Stg 2U #1									
	Nabinagar - NTPC									
	NTPC Total									
2	NHPC Stations									
	Rangit									
	Teesta									
	NHPC Total									
3	PTC Stations									
	Chukka									
	Tala									
	PTC Total									
4	DVC									
	Sub Total Central Stations									
5	State Generating Stations									
	BTPS									
	KBUNL Stage 1 U# 1									
	KBUNL Stage 1 U# 2									
	SGS Total									
6	Medium/ Short Term/ Others									
	.....									
	.....									
	.....									
	Others Total									
7	Renewable Power Purchase									
	BSHPC									
	Sugar Mills									
	Solar Power Purchase									
	REC (Solar)									
	REC (Non-Solar)									
	Renewable Total									
	Total Power Purchase									

This is to certify that no earlier year purchase cost have been included in this table. The above table is only for current year transactions pertaining to power purchase.

FORMAT-5

## Tariff Petition for Financial Year \_\_\_\_\_

Name of the Distribution Licensee :

Power Purchase Cost

S I. N o.	Power Purchase Sources	age allo- cation MW	Current Year									Ensuing Year (s)						
			Ene-rgy MU	Fixed Charge rate (Rs/MW)	Fixed charge Rs. Cr.	Ene-rgy Rate Rs./kWh	Ener gy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.	Total Charges Rs. Cr.	vg. Tariff Rate Rs./kWh	Energy MU	Fixed Charge rate (Rs/MW)	Fixed charge Rs. Cr.	Energy Rate Rs./kWh	Energy charge Rs. Cr.	Other charges (pl. specify) Rs. cr.	Total Charges Rs. Cr.	vg. Tariff Rate Rs./kWh
1	2	3	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	Central Sector Stations																	
1	NTPC Stations																	
	Farakka 1,2&3																	
	Talchar																	
	Kahalgaoan 1 & 2																	
	Barh – Stg 2U #1																	
	Nabinagar - NTPC																	
	NTPC Total																	
2	NHPC Stations																	
	Rangit																	
	Teesta																	
	NHPC Total																	
3	PTC Stations																	
	Chukka																	
	Tala																	
	PTC Total																	
4	DVC																	
	Sub Total Central Stations																	
5	State Generating Stations																	
	BTPS																	
	KBUNL Stage 1 U# 1																	
	KBUNL Stage 1 U# 2																	
	SGS Total																	
6	Medium/ Short Term/ Others																	
	.....																	
	.....																	
	.....																	
	Others Total																	
7	Renewable Power Purchase																	
	BSHPC																	
	Sugar Mills																	
	Solar Power Purchase																	
	REC (Solar)																	
	REC (Non-Solar)																	
	Renewable Total																	
	Total Power Purchase																	

This is to certify that no earlier year purchase cost have been included in this table. The above table is only for current year transactions pertaining to power purchase.

**FORMAT - 23****Tariff Petition for Financial Year \_\_\_\_\_****Name of the Distribution Licensee :****Interest on Working Capital****(Rs. in lakhs)**

S.N	Particulars	Amount		
		Previous Year	Current Year	Ensuing Year (s)
1	2	3	4	5
1	Two months equivalent of expected revenue			
2	Maintenance spares @40% of R&M expenses for one month			
3	Less: (i) Power purchase cost, Load despatch charges and transmission charges for one month. (ii) Depreciation, ROE, and contribution to contingency reserve equivalent to two months. (iii) Security deposit from consumer if any (iv) Grant received from the State Govt. for power purchase and other O&M expenses equivalent to two months.			
4	Net working capital			
5	Interest rate			
6	Interest on working capital			





3	SS-I M.C																	
4	SS-II GP																	
5	SS-II NP/NAC/M																	
6	SS-II M.C																	
	Sub Total of C																	
D	IRRIGATION AND AGRICULTURAL SERVICES																	
1	IAS-I UM(Rural)																	
2	IAS-I UM(Urban)																	
3	IAS-I M(Rural)																	
4	IAS-I M(Urban)																	
5	IAS-II UM(Rural)																	
6	IAS-II UM(Urban)																	
7	IAS-II M(Rural)																	
8	IAS-IIM(Urban)																	
	Sub Total of D																	
E	PWW																	
F	LOW TENSION SERVICES																	
1	LTIS-I																	
2	LTIS-I(D)																	
3	LTIS-II																	
4	LTIS-II(D)																	
	Sub total of F																	
G	HIGH TENSION SERVICES																	
1	HTS-I																	
2	HTS-II																	
3	HTS-III																	
4	HTS-IV																	
5	HTSS																	
	Sub total of G																	
H	RAILWAY TRACTION SERVICES																	
1	RTS (132kV)																	
2	RTS (25kV)																	
	Sub total of H																	
I	Distr. Franchisee																	
J	Nepal																	
K	Other bilateral sales (Pl. specify)																	
	Grand Total(A to K)																	

Note: 1. Distribution Licensee shall file Slab Wise category wise details of revenue from sales in above format for Distribution Franchisee area. Also detail of revenue from sales to Nepal, other bilateral sales etc should be separately filed with copy of invoices for Previous year, Current Year and Ensuing years. 2. Distribution Licensee shall file above information separately for Previous year, Current Year and Ensuing years as per the prescribed format.

FORMAT 30-B

## TARIFF PETITION FOR FY .....

Name of the Distribution Licensee

## Revenue from Sale of energy at proposed tariff

SI No	Category/Subcategory	Ensuing year(s) (Projections)					
		Applicable(proposed) Tariff for		Energy sales (MU)	Revenue from sale of energy at proposed Tariff(Rs. Lakhs)		
		Fixed charge	Energy charge		Fixed charge	Energy charge	Total revenue
<b>A</b>	<b>DOMESTIC SERVICES</b>						
1	<b>Kutir Jyoti</b>						
	KJ (Rural)Unmeterd						
	KJ (Rural)meterd						
	1 to 30 units						
	31-50						
	51-100						
	KJ (Urban)Metered						
	1 to 30 units						
	31-50						
	51-100						
	<b>Sub total</b>						
2	<b>DS-I</b>						
	Unmetered						
	Metered						
	1 to 50 units						
	51-100						
	>100 units						
	<b>Sub total</b>						
3	<b>DS-II</b>						
	<b>Single Phase</b>						
	1-100 Units						
	101-200 U						
	201-300 U						
	>300 units						
	<b>Three Phase</b>						
	1-100 Units						
	101-200 U						
	201-300 U						
	>300 units						
	<b>Sub total</b>						
4	<b>DS-II (D)</b>						
	<b>Single Phase</b>						
	1-100 Units						
	101-200 U						
	201-300 U						
	>300 units						
	<b>Three Phase</b>						
	1-100 Units						
	101-200 U						
	201-300 U						
	>300 units						
5	<b>DS-III</b>						
6	<b>DS-III(D)</b>						
<b>B</b>	<b>NON-DOMESTIC SERVICES</b>						
1	<b>NDS-I Unmetered</b>						
	NDS-I Metered						
	1-100						
	101-200						
	>200						
2	<b>NDS-II Single phase</b>						
	upto 0.5 kW						
	1-100						
	101-200						
	>200						
	Above 0.5 kW						
	1-100						
	101-200						
	>200						

3	NDS-II(D) Single phase						
	1-100						
	101-200						
	>200						
4	NDS II (D)Three Phase						
	1-100						
	101-200						
	>200						
5	NDS-III Single phase						
	1-100						
	101-200						
	>200						
6	NDS-III (D) Single Phase						
	1-100						
	101-200						
	>200						
7	NDS-III (D) Three Phase						
	1-100						
	101-200						
	>200						
8	NDS-IV						
8.1	Single Phase						
8.2	Three Phase						
	Sub Total of B						
C	STREET LIGHT SERVICES						
1	SS-I GP						
2	SS-I NP/NAC/M						
3	SS-I M.C						
4	SS-II GP						
5	SS-II NP/NAC/M						
6	SS-II M.C						
	Sub Total of C						
D	IRRIGATION AND AGRICULTURAL SERVICES						
1	IAS-I UM(Rural)						
2	IAS-I UM(Urban)						
3	IAS-I M(Rural)						
4	IAS-I M(Urban)						
5	IAS-II UM(Rural)						
6	IAS-II UM(Urban)						
7	IAS-II M(Rural)						
8	IAS-IIM(Urban)						
	Sub Total of D						
E	PWW						
F	LOW TENSION SERVICES						
1	LTIS-I						
2	LTIS-I(D)						
3	LTIS-II						
4	LTIS-II(D)						
	Sub total of F						
G	HIGH TENSION SERVICES						
1	HTS-I						
2	HTS-II						
3	HTS-III						
4	HTS-IV						
5	HTSS						
	Sub total of G						
H	RAILWAY TRACTION SERVICES						
1	RTS (132kV)						
2	RTS (25kV)						
	Sub total of H						
I	Distr. Franchisee						
J	Nepal						
K	Other bilateral sales (Pl. specify)						
	Grand Total(A to K)						

Note: 1.Distribution Licensee shall file Slab Wise category wise details of revenue from sales in above format for Distribution Franchisee area,Nepal,other bilateral sales etc

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